Secl. II-37—45,000—15-11-38.

Development (1939) Department

MS SERIES.

G O. No. 812

DATED 31 3 1939

[Despatch Abstract.]

Industries - Government Industrial School - Bellary
Additional equipment and improvements to the machine shop - expenditure - sanctioned.

1770 Dev 38 37
145 Dev 38 37

1

3 C.F. 30.

DEPARTMENT.

Received ..... 19 *Registered* 26150 19

Subject.

Government Industrial School, Bellary - Additional equipment Part II scheme for 1939-40 - Proposals submitting.

ENCLOSURES.
No. .....
.....
Spare copies .....

No. 4274-C/38.

Station Madras, *Dated the* 29th September 1938 19xx

From (Name) L.B.Green Esq., M.B.E.,
(Designation) Director of Industries,

To The Secretary to the Government of Madras,
Development Department.

Sir,

I submit the following proposals in respect of the Government Industrial School, Bellary for the consideration of Government as a Part II scheme for 1939-40.

2. The equipment of the school is still inadequate and needs to be augmented if the instruction provided to the apprentice is to be thoroughly effective. The volume of work handled by the school is not inconsiderable, the receipts realised having increased from Rs.12,843 in 1936-37 to Rs.18,230 last year. I request that provision may be made for next year for the following items which are considered necessary.

2. The school has at present an 18 B.H.P. oil engine which is employed for driving the machines in the workshop, but as the engine has been in constant use for over seven years its efficiency has deteriorated and its present generating power, which will be not more than 15 H.P. is inadequate for running the machines. It is found in practice that when the woodworking machinery is working much of the work in the machine shop has to be stopped resulting in loss of efficiency. Further when urgent orders have to be executed both in the woodworking and metal-working sections difficulty is experienced in executing them in time for lack of sufficient engine power for driving the machinery in both the sections. The shaping machine and the radial drilling machine the purchase of which has been sanctioned by Government are now under supply and when they are installed additional power will be required to run them. When the workshop is fully equipped the power required will be not less than 50 B.H.P. As electrical energy is high in cost in Bellary it is uneconomical to employ an electric motor to run the machinery as the cost of running the motor would be appreciably more than what it would cost to run the engine. It is therefore necessary to go in for an oil engine of about 32 to 35 B.H.P. which is estimated to cost about Rs.5,500 including erection and incidental charges.

3. An electric welding plant is also necessary. For want of such a plant the Superintendent has had to refuse several orders for welding motor cars, engine parts etc. The setting up of an electric welding plant would not only enable the Superintendent to accept a large range of orders for execution in the school, but would also widen the scope of instruction given to the students. Provision may therefore be made for the purchase of an Electric welding plant with switch board and accessories at a cost of Rs.1,800 including erection and other incidental charges.

4. Mechanical and Scientific Models: It is necessary that the instruction given to pupils should be illustrated by concrete examples to enable them to easily grasp what is taught them by the teacher.

3

5

Such models have already been provided in the Mangalore and Calicut schools. A sum of Rs.500 may be provided for this purpose for next year.

5. Library Books: At present there are only a few suitable books of reference in the school for use by the students as well as the teachers. I recommend that a sum of Rs.200 be provided to form the nucleus of a library for the school.

6. Improvement to the Machine-shop: As the existing accommodation in the machine shop is not sufficient to permit of work being carried on in safety it is proposed to make certain additions, alterations and readjustments at an estimated cost of about Rs.1,200.

7. It is requested therefore that provision may be made for the following expenditure in the budget for 1939-40.

To summarise, the following provision may be made for 1939-40

(1)	One oil engine 32 to 35 B.H.P.	Rs. 5,500.
(2)	One Electric welding plant	Rs. 1,800.
(3)	Engineering and Scientific Models	Rs. 500.
(4)	Library books	Rs. 200.
(5)	Improvements to Machine shop	Rs. 1,200.
	Total	Rs. 9,200.

3700

DIRECTOR OF INDUSTRIES.

G.M.

4 75

Copy of T.M. dated 4-10-38, from the U.S.Dev. Dept. to the D.I.

---

pp 1-3 ante

Ref: Your letter No.4274-C/38, dated 29-9-38 - Govt. Industrial School, Bellary - Addl. equipment - Part II scheme.

It is presumed that the oil engine, electric welding plant and engineering and scientific models mentioned in the letter quoted above will be purchased locally. Will you please say whether the presumption is correct. If not, the cost involved on account of customs duty and freight charges may kindly be furnished very urgently.

Reply dated 7-10-38.

--

The presumption is correct. The purchase will be made in India in consultation with the Chief Controller of Stores.

97

From

U.S, DW

To

The D.I

Ref your t-m 8
25-10-38
Grade I Sch School, Bellary
Addl. equipment -
Part II scheme

Will you please say what you propose to do with the present 18 B.H.P engine when the ~~xxx~~ proposed oil engine of about 32 to 35 B.H.P is installed. Please also say whether ~~we can have work can be continued as at present with the present engine,~~ ~~financial difficulty~~ the purchase of a new ~~the purchase of the~~ engine may now be deferred for ~~wider engine's capacity~~ the present ~~be deferred and the work continued with the present engine~~

Issued RS 23.11

22/10/38 89 22.11.38

j HP M's marks
nfs nF

fb nF

13 11

Dev. Dept

(3)

Grant to ... Bellary

equipment & Part II case

CF From No. D. 4274-C/38 dt 27.9.38

ASSISTANT SECRETARY TO GOVERNMENT
24 NOV 1938
DEVELOPMENT DEPT.

6/ 11.9

Office of the Director of Industries
and Commerce,
Madras, dated 23rd November 1938.

POST COPY OF TELEPHONIC MESSAGE:

From the Director of Industries and Commerce, Madras.

To the Under Secretary to Government, Development Department.

Dated 23rd November 1938.

Government Industrial School, Bellary - Additional equipment.

5 ante Reference: Your telephonic message of today's date.

---

p 2 ante A reference is invited to paragraph 2 of my No.4274-C/38 dated 29th September 1938 wherein it is stated that when the workshop is equipped about 50 B.H.P. will be required. It is therefore proposed to retain the old engine and overhaul it thoroughly after the new engine is installed, utilizing it to drive the machines when work is light and few machines are in use, or when the new engine is temporarily out of use, and to assist the new engine to deal with the increased volume of work

ASSISTANT SECRETARY TO GOVERNMENT
11 OCT 1938
FINANCE DEPT.

and may be supported in this dept.

The remarks of the Fin dept may be invited

150 II/38.1
10/11/38

8/10/38 8.10.38

87 X 10 X 38

13 11

Draft in Dev. Dept. Bellary

Office of the Director of Industries and Commerce,
Madras, dated 23rd November 1938.

POST COPY OF TELEPHONIC MESSAGE:

From the Director of Industries and Commerce, Madras.

To the Under Secretary to Government, Development Department.

Dated 23rd November 1938.

Government Industrial School, Bellary - Additional equipment.

Reference: Your telephonic message of today's date.

A reference is invited to paragraph 2 of my No.4274-C/38 dated 29th September 1938 wherein it is stated that when the workshop is equipped about 50 B.H.P. will be required. It is therefore proposed to retain the old engine and overhaul it thoroughly after the new engine is installed, utilizing it to drive the machines when work is light and few machines are in use, or when the new engine is temporarily out of use, and to assist the new engine to deal with the increased volume of work

13 11

(3) Grant in Aid ... Boring ... Equipment Part II ...

CF Form No. 7 427 C/38 dt 27.7.38

U.S

Please see the DI's letter in the CF

2/ The DI has forwarded Part II proposals for the purchase in India of the following equipment to the Govt Indl School, Bellary, which has been made permanent with effect from 1.4.38:

(a) One oil engine 32 to 35 B.H.P Rs 5500
(b) One electric welding plant Rs 1800
(c) engineering and scientific models Rs 500
(d) library books Rs 200
(e) improvements to machine shop 1200

9200

In the circumstances explained by the DI. in paras 2–6 of his letter these appear necessary and may be supported in this dept.

The remarks of the Fin dept may be invited.

pp 1–3 CF
x pp 5 CF
scheme
Govt 877 dt 31.3.38 (4)
Journey ch pp 3 CF

G.I.M 3.32/62

ASSISTANT SECRETARY TO GOVERNMENT 11 OCT 1938 FINANCE DEPT

21.10.38 / 10.10.38

8/10/38 8.10.38

8/X 10 X 38

1513

Finance (B.E.III).

Part II scheme for 1939-40.

Subject:- Purchase of additional equipment for Government Industrial School, Bellary.

Head of account.	Item of expenditure.	Ultimate cost. R. Rs,	Ultimate cost. N.R. Rs.	Cost in 1939-40. R. Rs.	Cost in 1939-40. N.R. Rs.
43.a. Industries - Industries - D. Industrial Schools - 3. Other charges	Purchase for the Industrial School, Bellary of				
	I(a) Oil Engine 32-35 B.H.P.	-	5,500	-	5,500
	(b) One electric welding plant	-	1,800	-	1,800
	(c) Engineering and scientific models	-	500	-	500
	(d) Library books	-	200	-	200
	II. Improvements to machine shop*	-	1,200	-	1,200
	para 7, p 3 C.F.		9,200		9,200

ASSISTANT SECRETARY TO GOVERNMENT 15 OCT 1938 DEVELOPMENT DEPARTMENT

A 1

* It is presumed that the works will be undertaken departmentally.

The necessity for the proposal is explained on pp.1-3 C.F. and it is stated that the requirements will be purchased in India.

The Part II schemes for 1939-40 are to be restricted to those absolutely essential, as it is unlikely that a large amount will available for them. If Development consider that the present scheme is absolutely essential, Finance may agree to its being treated as Part II for 1939-40.

27726

V

DSB 13.10.38

S

CS 14.10.38

CS/14.X.38

Rev.

14 — 3 — Dev. Dept

U.S

Please see the Fin Dept note overleaf

2/ The D.I may be asked whether the presumption at A overleaf is correct He may also be cautioned whether the assumption is absolutely essential

A Draft t.m is submitted for approval

18/10/88 — 18.10.88

AM
19/10

17/15
Dev. Dep

T. M

From

U. S. Dev

To

The D.I.

Ref your letter No 4274-
-38 & 29-9-38
Govt Mol. School, Bellar
Addl. equipment —
Part II scheme

It is presumed that the improvement to Machine shop mentioned in para 6 of the letter quoted above will be undertaken departmentally. Please say whether the presumption is correct. Please also say whether in view of the limited funds available for Part II schemes whether the scheme is absolutely essential and whether it may not be deferred. A very early reply is requested.

Issued
19.10.38

18/10/38

SDI
18.10.38

AE
19/X

p1-3 CF

p3 CF.

21OCT1938
DEVELOPMENT

19 17

Office of the Director of Industries,
Madras, dated 20th October 1938.

Post copy of telephonic message:

From the Director of Industries, Madras.

To the Under Secretary to Government, Development Department.

Dated 20th October 1938.

Reference: Your telephonic message of 19th instant - Government Industrial School, Bellary - Part II scheme - Improvement to Machine shop.

It is proposed to carry out the work departmentally. If the work is deferred, there will be the risk of the existing machines, which are insufficiently protected from the weather, becoming damaged, whilst at present the working conditions are difficult owing to lack of air and light around the machines recently purchased.

Director of Industries.

N.N.

6 12 21 19

Copy of T.M. dated 24-10-38, from the U.S. Dev. to the D.I.

Ref: Your P.C. of T.M. dated 20-10-38.

Sub: Govt. Industrial School, Bellary - Additional equipment - Part II Scheme.

Please see my T.M. dated 19-10-38 on the above subject. The penultimate sentence therein was intended to refer to the scheme as a whole and not to the machine shop only.

Will you kindly say whether the scheme as a whole is absolutely essential and, if not, whether it may be deferred in view of the limited funds available for Part II Schemes. A very early reply is requested.

--

Reply dated 25-10-38.

The scheme, as a whole, may be regarded as very necessary but if funds cannot be found, the purchase of the electric welding plant, engineering and scient fic models, library books, may be deferred for one year, thus reducing the provision as asked for by Rs.2,500/-.

---

(3) Ce. 2

Please see the Fin Dept note on p 2 ante, and telephonic correspondence ~~regarding~~ on pp 4-6 ante.

2. In the circumstances stated by the Fin Div, the purchase of electric welding plant, engineering and scientific models & library books may be deferred for next year and the other two items viz., the purchase of an oil engine at a cost of Rs 5,500 and improvements ~~construction of addition~~ at a cost of Rs 1200/- to the machine shop may be proceeded with.

3. A draft Part II scheme note is submitted for approval. It may be sent to Fin for accepting the ~~note~~ adding their remarks.

3/11/38

SDO

4.11.38

Cir 5/11

7.11.38

26150 II 38.2

7.11.38

Fin u/o

Fin (BE III)

(previous Finance note on p 2 ante)

Subject to the slight pencil additions indicated in the summary the draft note on the part II scheme may

ASSISTANT SECRETARY TO GOVERNMENT
8 - NOV 1938
FINANCE DEPT.
B.E. III

40303

2 V

X —8—

may be accepted the following being added as finance note thereto :-

"The proposal may be considered as a part II scheme for 1939-40".

2515
9-11-38

Gn
9.11.38

fin S

Fin. D.O. 40303. B.E. III-1
9-11-38.

Dev

Dev. Dept

U.S

Please see the Fin dept note above

The pencil alterations suggested by that dept has been carried out in ink and the Fin dept note at A above added to the Part II Scheme note. The file may now be circulated

30038

12/11/38 12.11.38

14/11

15.11.38

Pl. cir 15/11/38

cirls 15/11

What is going to be done with the present engine if the new one comes? C.R

H.M (illegible)

16/11

H.P.M. Maybe included. But the Director may be asked to state whether the purchase of the new engine may not be deferred and work continued with the present engine. ~~continued~~ C.R 17.11.38

A

9

Dev-Draft

U.S

Please see H.P.M's minute on p8 ante

31.9.24

A Draft t.m is submitted for approval

22.11.38

22.11.38

22/11

U.S

Please see the t.m corresponden on pp 5-6 CF

A on p 8 overleaf

p 6 CF

p 2 CF

The D.I solicits attention to para 2 of his letter 4274 C/38 dy 29.9.38 and states that when the workshop is fully equipped 50 B.H.P. engine would be required

B on p 8 overleaf

pp 6-7 CF

The Director states that after the new engine is installed the old engine will be overhauled and utilised to drive the machines when work is light and few machines are in use or when the new engine is temporarily out of use and to assist the new engine to deal with the increase

VH

volume of work when the equipment is complete and both engines can profitably be used at one time

The file may be circulated to Ministers.

26.11.38

Hon. Premier at page 8 ante before the Part II Scheme note is framed

26.11.38

H. M(LL).

28/11

28/11/38

30/11/38

H.P.M. C.R 30/11/38

28/11

C.O 28/11

Issue

30.11.38

1.12.38

DEVELOPMENT DEPARTMENT.

PART II SCHEME FOR 1939–40.

[SUBJECT.—*Purchase of additional equipment for the Government Industrial School, Bellary.*]

Summary.

Head of account, major, and minor heads and sub-heads of appropriation.	Item of expenditure including detailed heads of account.	Ultimate cost per annum.		Cost in 1939–40.	
		Recurring.	Non-recurring.	Recurring.	Non-recurring.
			Rs.		Rs.
43. a. Industries—Industries—D. Industrial schools—3. Other charges.	Apparatus and materials—Cost of oil-engine, 32 to 35 b.h.p.	..	5,500	..	5,500
	Other charges (petty construction and repairs)—Improvements to machine shop.	..	1,200	..	1,200
	Total ..	..	6,700	..	6,700

NOTE BY THE ADMINISTRATIVE DEPARTMENT.

The equipment in the Government Industrial School, Bellary, is inadequate and needs to be augmented if the instruction provided in the institute to the apprentices is to be thoroughly effective. Further the volume of work handled by the school is considerable, the receipts realized having increased from Rs. 12,843 in 1936–37 to Rs. 18,230 in 1937–38. The Director of Industries therefore suggested the purchase of an oil-engine of about 32 to 35 b.h.p. estimated to cost Rs. 5,500 in place of the existing, 18 b.h.p. oil-engine in the institute, an electric welding plant at a cost of Rs. 1,800 and engineering and scientific models costing Rs. 500. Besides this, he also suggested the purchase of library books for reference by the students as well as the teachers at a cost of Rs. 200 and improvements to the machine shop estimated to cost Rs. 1,200. As only limited funds are available for new schemes, the Director has now stated that the purchase of the electric welding plant, engineering and scientific models and library books may be deferred for one year and that it will suffice to provide funds in the Budget Estimate for 1939–40 for the purchase of the oil-engine and for the improvements of the machine shop.

In regard to the oil engine, the Director has pointed out that 18 b.h.p. oil-engine now at the institute which has been in constant use for over seven years does not generate sufficient power to run all the machines there and that when the wood-working machinery is working, much of the work in the machine shop has to be stopped resulting in loss of efficiency. Difficulty is also experienced in executing urgent orders both in wood-working and metal working sections in time. Moreover, the shaping machine and radial drilling machine, the purchase of which has been sanctioned already will require when installed further additional power to run them. For these reasons, the Director considers that an oil-engine of 32 to 35 b.h.p. costing Rs. 5,500 is necessary to replace the present oil-engine. The purchase will be made in India in consultation with the Chief Controller of Stores.

As regards the improvements to the machine shop in the school, the Director has stated that the existing accommodation is not sufficient to permit of work being carried on in safety owing to lack of air and light. Further, there is the risk of the machines, which are insufficiently protected from weather, being damaged. In the circumstances, the improvements to the machine shop are very urgent. The cost of the improvement is estimated at rupees 1,200.

This department supports the Director's proposal and recommends the inclusion of the necessary provision in the Budget for 1939–40.

C. J. PAUL—7–11–38.

NOTE BY THE FINANCE DEPARTMENT.

The proposal may be considered as a Part II Scheme for 1939–40.

C. E. JONES—9–11–38.

TB 240

29

SPECIAL. Finance (B.G.) Dept.

U.O.Note No.23305 B.G.-3, dated the 24th January 1939.

PART II SCHEMES - 1939-40.

-----oOo-----

The Development Department may be informed that it has been decided to include provision in the Budget for 1939-40 for all the Part II schemes provisionally selected by the Hon'ble Ministers and communicated with Finance Department U.O. Note No.23305 B. dated 17-1-1939.

C.A. Sundar Ayyar,
Assistant Secretary to Govt.

To the Development Department.

DEMAND XXI. INDUSTRIES.

43. Industries - Industries.

73. Remodelling of smithy and purchase of equipment and library books for the Government Industrial School, Calicut.		2,600		2,600
74. Expansion of Leather working class in Leather Trades Institute, Madras.	2,100		3,000	
75. Introduction of wages in lieu of scholarships in Government Industrial and Trade schools.	7,900		7,900	
76. Purchase of additional equipment for the Government Industrial School, Bellary.		6,700		6,700
77. Introduction of a course in leather craft and re-organization of the drawing and design section in the School of Arts and Crafts.	700		200	
78. Continuance of the contribution to the Indian Institute of Science, Bangalore.		15,000		5,000
79. Conduct of Preliminary Experimental Work for evolving a machine for the manufacture of sand paper as a Cottage Industry.		400		400

31

Dev Dept
33

U S

Please see the Fin no note and the list of schemes for which provision has been made in the BE for 1938-40 and pp 13-14 ante. It will be seen therefrom that provision has been made for the purchase of addl. equipment for the Govt Indl School, Bellary. A draft order sanctioning the purchase of the equipment is submitted for approval. It may issue after the budget is passed by the Legislature

Ab
26/8/39

27/3/39

LD
27.3.39

Lw
28/3/39

37/31/39

C.F. 16.

33
35

Dev. Dept

DRAFT FOR APPROVAL.

	Date.	Initials.
When received for fair copying ..		
When copied ..		
When examined..		
When signed ..		
When despatched.		

SUBJECT:— Industries — Govt Ind School - Bellary - Additional equipment and improvements to the machine shop - Expenditure - sanctioned

READ AGAIN _____, dated _____ 19____.

" " _____ " _____ 19____.

READ *ALSO*:—

No. 26150 H/39 from the D. I & C, No. 42464/38 dated 29.9.1938.

" _____ " _____ " _____ " _____ 19____.

" _____ " _____ " _____ " _____ 19____.

Order / ~~Resolution~~ Ms. / ~~Rout.~~ No. 812, dated 31-3-1939.

Ph 1-3 CF

Ord 812

It is the Governor of Madras pleased to sanction the not exceed purchase at a cost ~~of~~ Rs 5-500 of an oil engine of about 32 to 35 B.H.P for the Govt Ind School Bellary. The purchase should be made in India in consultation with the Chief Controller of Stores

2. Sanction is also accorded to incur an expenditure not exceeding ~~of~~ Rs 1200 for effecting improvements to the machine shop in the school. The work should be carried out departmentally

94 24 2

Necessary provision has been included for this purpose in the BE for 1939-40 as shown below

Head of Account Major and minor heads & sub-heads of appropriation	Item of Expenditure including detailed heads of account	Cost in 1939-40
43-a-Industries industries - D. Mod Schools - 3 Other Charges	Apparatus & material — cost of oil engine 32 to 35 b.h.p	5500
	Other Charges (petty Construction and repairs) Improvements to machine shop	1200
		6700

3. The Director of Industries may commence the purchase of an electric welding plant, engineering and scientific models and library books required for the school with the sanction for the purpose.

The D.I.E. ✓

Dir Engg
copy to the Principal G.E. III
Librn
Personal clerk
(+.14 (Stock
copy for stock file

Dy Engg
3/4

80
27.3.39.

Ex
27/3

Exc
28/3/39